

Docket No.: 297022US8PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Michitsugu MORI, et al.

SERIAL NUMBER: 10/594,761

GROUP: 2624

FILED: January 16, 2007

EXAMINER: MARIAM, DANIEL G.

FOR: FLUID MEASURING SYSTEM AND FLUID MEASURING METHOD

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

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SIR:

Applicants acknowledge with appreciation the indication of allowability of the claimed invention. In response to the Examiner's Statement of Reasons for Allowance in the Notice of Allowance of August 17, 2010, Applicants respectfully submit the following comments.

In the Examiner's Statement of Reasons for Allowance on page 2 of the Notice of Allowance mailed August 17, 2010, paragraph 2 states in part:

The following is an examiner's statement of reasons for allowance: With respect to allowed claims 9-15, the reason of allowance presented in the Office Action mailed on March 14[sic-4], 2010 is not repeated herein, but is incorporated by reference. With respect to claims 1-8 and 16, the reasons of allowance presented for claims 9-15 is substantially applicable to claims 1-8 and 16.

In the Office Action of March 4, 2010, on pages 3 and 4, paragraph 5 states:

The following is an examiner's statement of reasons for allowance: none of the prior art of record teach or fairly suggest performing fluid measurement by taking images of particles contained in a fluid to be measured a long distance away at small time intervals by an imaging means comprising a long focus optical system, comparing luminance pattern distributions of particle images at a plurality of consecutive time points obtained by the imaging means to measure a moving direction and a moving amount of a particle group; and analyzing a flow field of the fluid to be measured from the moving direction and the moving amount of the particle group,

extracting a turbulence structure of the fluid to be measured and measuring the moving direction and the moving amount of the extracted turbulence structure to analyze the flow field of the fluid to be measured, when the number of particles contained in one pixel of the particle image obtained by the imaging means is plural. It is for this reason that claims 9-15 are allowable over the prior art of record.

Although the above comment seems to be directed to independent Claim 9, it is respectfully submitted that independent Claims 1 and 16 do not include all of the elements recited above. For example, Claims 1 and 16 do not recite measuring “when the number of particles contained in one pixel of the particle image obtained by the imaging means is plural.” Accordingly, it is respectfully submitted that the above quoted statement applies only to independent Claim 9 (and claims dependent therefrom), and not to independent Claims 1 and 16 (and claims dependent therefrom), to the extent the language used in the statement differs from the language of the claims.

Respectfully Submitted,

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